INDEX TO VOLUME 61

INDEX OF ABSTRACTS

Subjects:

Algebra and Theory of Numbers, 34, 57, 72, 77, 122, 214, 282, 310, 325, 433, 511.
Analysis, 40, 62, 73, 78, 136, 220, 288, 314, 326, 435, 525.
Applied Mathematics, 49, 66, 74, 82, 160, 225, 298, 318, 328, 440, 548.
Geometry, 52, 67, 74, 82, 166, 228, 302, 319, 328, 441, 556.
Logic and Foundations, 54, 75, 83, 171, 305, 320, 442, 560.
Statistics and Probability, 55, 75, 83, 174, 229, 305, 321, 329, 443, 561.
Topology, 55, 68, 75, 83, 178, 230, 306, 322, 330, 444, 564.

Authors:

Abhyankar, S. S., 166, 214; Abian, S., 512; Abramowitz, M., 298, 301; Addison, J. W., 75, 171; Adney, J. E., 122; Aissen, M. I., 136, 525; Akutowicz, E. J., 525; Albert, A. A., 310; Allen, E. F., 166; Anderson, F. W., 564; Anderson, R. D., 178, 179; Andruskiw, J., 40, 288; Arms, R. J., 136, 548; Aronszajn, N., 136; Arsove, M. G., 435; Askey, R. A., 526; Auslander, L., 52, 556; Auslander, M., 122, 122, 511; Austin, D. G., 40, 174, 561.

Bade, W. G., 40, 137; Baer, R. M., 179; Bagemihl, F., 526; Bagley, R. W., 68, 564; Baker, G. A., 225; Balakrishnan, A. V., 137; Ball, B. J., 564; Barnett, I. A., 512; Barrar, R. B., 526; Barrett, J. H., 137, 526; Barrett, L. K., 179; Bartels, R. C. F., 548; Bartle, R. G., 40, 138, 138; Batho, E. H., 511; Beaumont, R. A., 34, 433; Beck, W. A., 314; Becker, H. W., 34, 35, 35, 72, 75, 122, 123, 174, 214, 215, 226; Bell, P. O., 166; Bendat, J. S., 549; Bender, H. A., 561; Bergman, S., 78, 78, 288; Bing, K., 54, 560; Bing, R. H., 322, 565; Birkhoff, G., 549; Birnbaum, Z. W., 329; Blackett, D. W., 512; Blackman, J., 229; Blair, R. L., 230, 565; Blake, R. G., 66, 298; Blakers, A. L., 75; Blumenthal, L. M., 230; Block, R., 512; Boas, R. P., 220; Bohun-Chudyniv, V., 174, 175; Boothby, W. M., 167; Borel, A., 282; Bott, R., 179; Bourne, S. G., 123; Brace, J. W., 527, 527; Bragg, L. R., 527; Brainerd, B., 124; Brahana, T. R., 68; Branovan, L., 167; Bratton, D., 527; Brauer, A. T., 57; Braunschweiger, C. C., 528; Brenner, J. L., 215, 513, 562; Brind, A., 283; Brousseau, R. L., 79; Browder, F. E., 41, 138, 220, 528, 528; Brown, A. H., 138, 138; Brown, E. H., 55; Brownell, F. H., 79, 139, 139, 529; Büchi, J. R., 310; Buchsbaum, D. A., 511; Buck, C. C., 57; Buck, R. C., 139; Burgess, C. E., 83, 565; Burton, L. P., 62.

Capel, C. E., 68, 565, 573; Carlitz, L., 58, 58, 58, 124, 124, 124, 283, 283, 284, 513, 513, 513, 513, 514; Carr, J. W., 549; Carter, D. S., 41; Carter, J. O., 326; Castellani, M., 175; Cesari, L., 529; Chaney, T. M., 140; Chang, C. C., 325; Chen, Y. W., 160; Chowla, S., 41; Chung, K. L., 176, 229; Churchill, R. V., 550; Civin, P., 529, 530, 530; Cockcroft, W. H., 566; Cohen, E., 36, 124, 216, 216, 216, 216, 284, 514; Cohn, H., 77, 140, 530; Collins, H. S., 220, 288; Conrad, P. F., 58; Copeland, A. H., Jr., 566; Correl, E., 72; Cowling, V. F., 62, 140, 530; Coxeter, H. S. M., 167, 302, 566; Curtis, C. W., 36, 514, 515; Curtis, M. L., 566, 567; Curtis, P. C., 132; Curtz, T. B., 301.

Darling, D. A., 305, 305, 562; Davidson, D., 83; Davis, P., 531; Davis, R. B., 41, 221; Davis, R. M., 531; Davison, W. F., 567; Day, M. M., 531; Deal, R. B., 140, 141; Dean, R. A., 515; DeCicco, J., 319; Derman, C., 229; Deskins, W. E., 125; Devinatz, A., 531; Diaz, J. B., 549; Dickinson, D. J., 46; Dolciani, M. P., 125; Dolph, C. L., 550; Donoghue, W. F., 141; Douglas, J., 221, 302; Douglas, J., Jr., 160, 221, 226, 550, 550, 550; Downing, A. C., Jr., 548, 551; Doyle, T. C., 160; Dresher, M., 443; Dubins,

L. E., 532; Duffin, R. J., 141, 161, 161, 532; Dugundji, J., 330; Dunford, N., 40; Durfee, W. H., 161; Durst, L. K., 125; Dushnik, B., 560; Dvoretzky, A., 562; Dyer, E., 180, 306.

Edrei, A., 142, 221, 289, 532; Eells, J., 223; Eggleston, H. G., 222; Ellis, D. O., 58, 567; Ellis, H. W., 532; Epstein, M. P., 125; Erdélyi, A., 227, 435; Erdös, P., 305; Ergen, W. K., 164; Evans, G. W., 79; Evans, T., 126.

Fadell, A. G., 222, 222, 223; Fadell, E. R., 306; Fan, K., 142, 142; Faucett, W. M., 68, 180; Feferman, S., 172, 172; Feit, W., 36; Fell, J. M. G., 79, 327; Findlay, G. D., 515; Fine, N. J., 36, 533; Firey, W. J., 328; Fleishman, B. A., 289; Forrester, H. A., 180; Forsythe, G. E., 551; Fort, M. K., 62, 143, 567; Fort, T., 62, 533; Frame, J. S., 315; Frank, E., 533; Frank, Mrs. M. S., 310; Franklin, J., 143; Friedman, B., 143; Friedrichs, K. O., 289; Fryer, K. D., 556; Fullerton, R. E., 568.

Gale, D., 161, 556; Galler, B. A., 320; Gallie, T. M., 143, 221, 550; Gehring, F. W., 290; Gerhardt, H., 66; Getoor, R. K., 143; Gil de Lamadrid, J., 315; Gillis, J., 176; Gillman, L., 126, 126, 526; Ginsburg, S., 59, 59; Glicksberg, I. L., 142; Goffman, C., 217, 315, 315, 533; Goldberg, K., 284; Goldberg, M., 556; Goldberg, S. I., 168, 556; Goldman, M., 516; Golomb, M., 534; Gomory, R. E., 42, 42; Gonshor, H., 63; González, M. O., 63; Goodman, A. W., 144; Gordon, R. D., 327; Gordon, W. L., 69; Gorman, C. D., 568; Gosselin, R. P., 144; Grau, A. A., 311; Green, L. W., 144; Griffin, E. L., 316; Griffin, J. S., 69; Griffith, H. C., 69; Grosswald, E., 127; Grothendieck, A., 568; Guenther, P. E., 42, 534; Gurk, H. M., 552; Gutiérrez-Burzaco, M., 568; Guy, W. T., 162.

Haas, F., 42, 42; Hadlock, E. H., 59; Haefeli, H. G., 43; Haimo, F., 127, 311, 516; Halberg, C. J. A., 80; Halperin, I., 556; Hammer, P. C., 74, 318, 320, 552, 561; Hamstrom, M. E., 179, 307, 602; Harary, F., 168, 303, 569; Harris, B., 516; Harris, T. E., 83; Harrold, O. G., 69; Hart, W. L., 328; Haynsworth, E. V., 285; Heider, L. J., 569; Helgason, S., 223; Heller, I., 127, 227, 440; Hemmingsen, E., 569; Henrici, P., 49, 50, 50, 316, 316; Henriksen, M., 72, 126, 126, 516; Herbst, R. T., 144; Herstein, I. N., 37, 217; Hewitt, E., 127, 329; Higman, D. G., 433, 434; Hildebrandt, T. W., 552; Hirsch, K. A., 285; Hirschman, I. I., 145, 526; Hodges, J. H., 58, 124, 128, 284, 285, 517; Hoelzer, H., 66; Hoffman, W. C., 162; Holladay, J. C., 145; Horn, A., 77; Householder, A. S., 59; Howell, J. L., 290; Hsiung, C. C., 52, 168, 228, 557; Hu, S. T., 69; Huber, A. O., 43; Huff, C. W., 60; Hughes, D. R., 311; Hughes, H. K., 290; Hutcherson, W. R., 557.

Ikenberry, E., 291; Isbell, J. R., 59, 59, 299, 552, 553; Ives, R. T., 436.

Jackson, J. R., 328; Jaeger, A., 128, 311; James, R. C., 43; James, R. D., 316; Jennings, S. A., 434, 434; Jerison, M., 145, 534; Jewett, J. W., 63; John, P. W. M., 443; Johnson, R. E., 128, 517; Jones, B. W., 217; Jones, F. B., 181; Jónsson, B., 37, 44; Juncosa, M. L., 145; Jurkat, W. B., 63, 146, 291.

Kac, M., 562; Kadison, R. V., 44, 146, 534; Kaiser, J., 553; Kalman, J. A., 312, 312; Kaplansky, I., 129, 517; Kato, T., 146, 291; Kazarinoff, N. D., 147; Keirstead, R., 79; Keitzer, E., 161; Kemperman, J. H. B., 317, 518; Kennedy, M., 227; Kiefer, J., 562, 563; Klamkin, M. S., 299, 535; Klee, V. L., 181, 230, 441, 535, 570; Kleinfeld, E., 129, 129; Klingenberg, W., 168; Klose, O. M., 329; Kneale, S. G., 299; Kobayashi, S., 228, 441; Koch, R. J., 68; Kokoris, L. A., 130, 312, 325, 518; Konijn, H. S., 176, 176, 321; Korevaar, J., 147, 227, 318, 319, 436, 436; Kostant, B., 36, 44, 147; Krabbe, G. L., 291, 292; Kreyszig, E., 292, 292, 307, 307, 437, 440, 440; Krule, I. S., 70; Kuhn, H. W., 181, 557; Kulik, S., 148; Kyner, W. T., 148, 308.

Lambek, J., 37, 38, 78, 515; Lane, N. D., 303; Langdon, L. R., 553; Langer, R. E., 148, 535; Lashof, R. K., 567; Lax, A. L., 437; Lax, P. D., 293, 293; Leach, E. B., 181;

Leavitt, W. G., 73; Ledermann, W., 518; Ledley, R. S., 50, 51, 51, 305; Lehman, A.B., 162; Lehmer, D. H., 218; Leipnik, R. B., 177; Lepson, B., 148; Levin, J. J., 535; Lewis, D. J., 130; Liao, S. D., 570, 570; Lilley, F. E., 137; Lin, C. S., 518; Linfield, B. Z., 558, 558, 558; Lipschutz, M., 55; Livesay, G. R., 571; Livingston, A. E., 437; Lohwater, A. J., 223, 536; Lomont, J. S., 435; Lorch, L., 149, 437, 602; Lorentz, G. G., 149; Lotkin, M., 293; Luce, R. D., 162; Lukacs, E., 306; Luke, Y. L., 163; Lyndon, R. C., 38, 519.

McArthur, C. W., 63; McAuley, L. F., 182; McCarthy, J., 149, 294; McCarthy, P. J., 182, 312, 326, 519, 519; McGregor, J. L., 227; McLeod, R. M., 536; McShane, E. J., 294; Mackey, G. W., 536; MacLane, G. R., 45, 150, 537; MacNerney, J. S., 64, 150, 537, 537, 538, 538, 538, 539; Macon, N., 66; Magnus, A., 150; Maharam, D., 45; Malliavin, P., 223, 294; Mann, H. B., 518; Marcus, M. D., 45, 130, 286, 286, 437; Markus, L. F., 52, 169; Marlowe, O. J., 552; Marsh, D. B., 217; Marx, I., 554; Massera, J. L., 150, 151, 151, 152, 152, 152, 152; Maxfield, J. E., 435; Meng, C. H., 80; Michael, E. A., 330, 444, 571, 571; Michael, W. A., 153; Miles, E. P., 64, 64, 153; Milkman, J., 294; Miller, K. S., 300; Milnes, H. W., 539; Montague, R., 172, 442; Montgomery, D., 572; Moore, R. E., 80; Morduchow, M., 300; Morelock, J. C., 67, 67; Morrey, C. B., 223, 295; Moser, L., 38, 438; Mostert, P. S., 572, 572, 572, 573, 573; Mostow, G. D., 282, 286, 286; Motzkin, T. S., 78, 163, 163, 326, 328, 519; Moyls, B. N., 130, 437; Muller, G. M., 153; Muller, M. E., 554; Munkres, J. R., 56.

Nash, J. F., 228, 231, 303, 321; Neugebauer, C. J., 539; Neumann, B. H., 518; Newman, M., 287; Niemann, R. H., 290; Nijenhuis, A., 169, 559; Nohel, J. A., 164, Norman, R. Z., 559; Novikoff, A. B., 308; Nussbaum, A. E., 295, 531.

Osserman, R., 295, 540; Ostrom, T. G., 442; Owens, O. G., 153.

Paige, L. J., 519; Palermo, F. P., 182; Pan, T. K., 82, 169, 559; Papakyriakopoulos, C. D., 308; Parker, E. T., 130; Parker, W. V., 60; Parzen, E., 46, 177, 177; Patterson, G. W., 131; Patterson, P. B., 60; Payne, L. E., 74, 164, 300; Pellicciaro, E. J., 64; Perry, N. C., 67; Petersen, G. M., 315, 315; Petty, C. M., 560; Pinkham, R. S., 540; Piranian, G., 536; Plunkett, R. L., 70, 309; Pollak, H. O., 46, 531; Porcelli, P., 153, 540; Posey, E. E., 69; Prosser, R. T., 327, 327, 541, 541; Punga, V., 53, 53, 54, 170, 229, 303; Pursell, L. E., 322, 322.

Raimi, R. A., 46, 154; Rainich, G. Y., 554; Reade, M. O., 541; Ree, R., 131; Reich, E., 438; Reichelderfer, P. V., 170; Reid, W. T., 541; Reiner, I., 38, 131, 132, 218, 520, 520; Reiner, I. M., 287; Reisel, R. B., 313; Reissner, E., 52, 52; Reynolds, W. F., 38; Richardson, M., 304; Richmond, D. E., 555; Rickart, C. E., 132; Rinehart, R. F., 132; Ritt, R. K., 550; Ritter, I. F., 542; Roach, A. E., 555; Robinson, D. W., 520; 542; Robinson, G. de B., 132; Robinson, L. B., 296, 542; Robinson, L. V., 154; Robinson, R. M., 83, 173; Rogers, K., 133, 218, 218; Rohde, F. V., 543; Rosen, W. G., 154, 154; Rosenberg, A., 133, 133, 520, 521, 521; Rosenbloom, P. C., 73; Rosenblum, M., 80; Rosenthal, J. E., 46; Roth, J. P., 183, 183; Roth, W. E., 313; Rothe, E. H., 323; Royster, W. C., 65; Rubel, L. A., 47, 224, 301, 543; Ruchte, M. F., 521; Rudin, M. E., 183, 573; Rudin, W., 47, 155, 155, 296, 296, 543, 543; Ryser, H. J., 521.

Saaty, T. L., 67; Samelson, H., 572; Sanderson, D. E., 323; San Soucie, R. L., 219, 522; Saworotnow, P. P., 155, 438; Schaerf, H. M., 155, 156, 156; Schafer, R. D., 39; Schenkman, E. V., 287, 435, 522, 522; Schlesinger, E. C., 544; Schreiber, M., 156; Schuster, S., 304, 304; Schwartz, J. T., 40; Schweitzer, A. R., 54, 320, 320, 321; Schwerdtfeger, H. W. E., 170; Scott, D. S., 442, 522; Seebeck, C. L., 66; Seelbinder, B. M., 60; Segal, I. E., 157, 296, 544; Seidenberg, A., 133; Seifert, G., 164, 544; Selfridge, R. G., 435; Serrin, J. B., 224, 439; Shaffer, D. H., 141; Shanks, M. E., 73, 76; Shapiro, J. M., 178, 230, 322; Shapiro, V. L., 47, 224, 297, 545; Sherman, S., 134,

555, 563; Shields, A. L., 572, 572, 572, 573, 573; Shinbrot, M., 81, 82; Shively, R. L., 157; Shoenfield, J. R., 173; Siegel, K. M., 301; Siegert, A. J. F., 305; Simmons, H. A., 313; Sinclair, A., 184; Singer, I. M., 39, 329, 560; Slepian, P., 545; Smith, E. C., 134; Snapper, E., 219, 287, 523; Spanier, J., 323; Spencer, D. E., 47, 164; Spitzer, F. L., 178, 563, 564; Stallard, F. W., 65; Standish, C. J., 157, 225; Stegun, I. A., 301; Stenberg, W., 157; Sternberg, R. L., 165; Stoll, R. R., 134; Stoll, W., 158, 297; Stone, A. H., 309; Stone, W. M., 441; Storvick, D. A., 81; Straus, E. G., 134, 519; Strebel, K., 225; Strother, W. L., 70, 565, 573; Stroud, A. H., 552; Struik, R. R., 219; Struik, S. R., 171; Sugar, A. C., 561; Sumner, D. B., 545, 545; Supnick, F., 184, 309; Suppes, P., 83; Suzuki, M., 39; Swanson, C. A., 227, 435; Swift, G., 65, 158; Swift, J. D., 134, 520; Swift, W. C., 546; Swingle, P. M., 70; Swinnerton-Dyer, H. P. F., 218; Szego, P., 149, 602.

Taam, C. T., 158; Tanimoto, T. T., 546; Tarski, A., 442, 443, 523; Taussky, O., 142, 287; Taylor, A. E., 80; Thomas, E., 573; Thrall, R. M., 132; Thron, W. J., 546; Titt, E. W., 140, 141; Titus, C. J., 159; Todd, J., 142; Tompkins, C. B., 302; Tornheim, L., 74, 135, 314; Tucker, A. W., 135.

Utz, W. R., 546.

Valentine, F. A., 82; Vaught, R. L., 173; Vinograde, B., 73, 524.

Walker, E. A., 524; Wallace, A. D., 61, 61, 71, 574; Wang, H. C., 67; Wannier, G. H., 46; Ward, L. E., 231; Ward, M., 326; Warner, S., 298; Warschawski, S. E., 547, 547; Wasel, A. D., 439, 547, 548; Wasow, W. R., 48, 48; Waterman, D., 560; Webster, M. S., 317; Weinberger, H. F., 165, 301; Weiner, L. M., 314; Weiss, G. H., 562; Wells, P. J., 555; Wenjen, C., 231; Wermer, J., 48, 225; Whaples, G., 39, 136; Whiteman, A. L., 524; Wiegmann, N. A., 220; Wilansky, A., 49, 159; Wilcox, C. H., 439; Wilcox, L. R., 524; Williams, E., 64, 64, 153; Williams, R. F., 71; Willoughby, R. A., 61, 165; Wolf, F., 81, 298; Wolfowitz, J., 562, 563; Wolfsohn, N. Z., 171; Wong, Y. K., 159, 159, 525; Wright, F. B., 525; Wright, F. M., 317; Wright, J. B., 310; Wyler, O., 314; Wyman, M., 438; Wymore, A. W., 318, 324.

Yamabe, H., 184; Yang, C. T., 71, 574; Yood, B., 529, 530, 530; Young, D. M., 145.

Zadeh, L. A., 300; Zaring, W. M., 66; Zassenhaus, H. J., 434; Zedek, M., 49; Zelinsky, D., 133, 520, 521, 521; Zeller, K., 49, 159; Zilber, J. A., 574; Zindler, R. E., 318, 318, 548; Zippin, L., 572; Zuckerman, H. S., 127, 329.

RESEARCH PROBLEMS

Bellman, R., 92, 92, 92, 92, 92, 92, 192, 192, 192, 275, 275, 465, 465, 465; Bissinger, B., 601.

Gaier, D., 93; Goffman, C., 275.

Michael, E., 275, 601, 601.

Parker, E. T., 275; Petersen, G. M., 275.

Stein, S., 465, 465.

Wallace, A. D., 92, 92, 93,.93, 93; Wilansky, A., 601.

Zeller, K., 601.

INDEX OF REPORTS OF MEETINGS AND MISCELLANEOUS ARTICLES

Albert, A. A. *Leonard Eugene Dickson, 1874–1954*, 331.

Cohen, L. W. Reports of Meetings of the American Mathematical Society: *October Meeting in Cambridge*, 34.

Dickson, L. E. See Albert, A. A.

Green, J. W. Reports of Meetings of the American Mathematical Society: *November Meeting in Los Angeles*, 77; *April Meeting in Stanford*, 325.
Green, J. W. See Schafer, R. D.
Klee, V. L. Reports of Meetings of the American Mathematical Society: *June Meeting in Vancouver*, 433.
MacColl, L. A. See Schafer, R. D.
Meder, A. E., Jr. *Report of the Treasurer*, 575.
Roberts, J. H. Reports of Meetings of the American Mathematical Society: *November Meeting in University, Alabama*, 57.
Schafer, R. D. Reports of Meetings of the American Mathematical Society: *February Meeting in New York*, 214.
Schafer, R. D. and Green, J. W. Reports of Meetings of the American Mathematical Society: *Annual Meeting in Pittsburgh*, 113.
Schafer, R. D. and MacColl, L. A. Reports of Meetings of the American Mathematical Society: *April Meeting in Brooklyn*, 277.
Whiteman, A. L. *The Research Conference on the Theory of Numbers in Pasadena*, 579.
Youngs, J. W. T. Reports of Meetings of the American Mathematical Society: *November Meeting in Iowa City*, 72; *April Meeting in Chicago*, 310; *Summer Meeting in Ann Arbor*, 505.

INDEX OF BOOK REVIEWS

Achieser, N. I. *Vorlesungen über Approximationstheorie*. W. H. J. Fuchs, 369.
Achieser, N. I. and Glasmann, I. M. *Theorie der linearen Operatoren im Hilbert-Raum*. P. R. Halmos, 588.
Ahlfors, L. V. See Schiffer, M. M.
Anderson, T. W. See Wald, A.
Arens, R. See Nöbeling, G.
Baer, R. See Kaplansky, I.
Bagemihl, F. See Khinchin, A. Y.
Barrett, P. R. See Chaundy, T. W.
Batey, C. See Chaundy, T. W.
Bellman, R. See Petrovsky, I. G., Tricomi, F. G.
Benac, T. J. See Hasse, H.
Bergman, S. and Schiffer, M. *Kernel functions and elliptic differential equations in mathematical physics*. P. Henrici, 596.
Bers, L. See *Contributions to the theory of partial differential equations*.
Beyer, R. T. See von Neumann, J.
Blackwell, D., and Girshick, M. A. *Theory of games and statistical decisions*. J. Wolfowitz, 247.
Boas, R. P. See *Die Briefwechsel von Johann Bernoulli*, Chaundy, T. W., Hastings, C., *Mathematics in type*.
Bochner, S. See *Contributions to the theory of partial differential equations*.
Brauer, A. See Chintschin, A. J., Khinchin, A. Y.
Brenner, J. See Cooke, R. G.
Die Briefwechsel von Johann Bernoulli. R. P. Boas, Jr., 464.
Byrd, P. F. and Friedman, M. D. *Handbook of elliptic integrals for engineers and physicists*. F. G. Tricomi, 89.
Carathéodory, C. *Theory of functions of a complex variable*. Vol. 2. Trans. by F. Steinhardt, 372.

Chaundy, T. W., Barrett, P. R., and Batey, C. *The printing of mathematics.* R. P. Boas, 257.
Chern, S. S. See Santaló, L. A.
Chintschin, A. J. *Drei Perlen der Zahlentheorie.* Trans. by W. v. Klemm. A. Brauer, 351.
Chung, K. L. See Cramér, H., Savage, L. J.
Cohen, I. S. See Samuel, P.
Cohn, H. See Keller, O. H.
Contributions to the solution of systems of linear equations and the determination of eigenvalues. Ed. by O. Taussky, 372.
Contributions to the theory of partial differential equations. Ed. by L. Bers, S. Bochner, and F. John, 260.
Cooke, R. G. *Linear operators. Spectral theory and some other applications.* J. Brenner, 371.
Coxeter, H. S. M. See Pickert, G.
Cramér, H. *The elements of probability theory and some of its applications.* K. L. Chung, 449.
Descartes, R. *The geometry of René Descartes.* Trans. by D. E. Smith and M. L. Latham, 90.
Dieudonné, J. See Pickert, G.
Dini, U. *Opere,* 260.
Duren, W. L. See Menger, K.
Economic activity analysis. Ed. by O. Morgenstern. O. Taussky, 241.
Eichler, M. *Quadratische Formen und orthogonale Gruppen.* G. Whaples, 589.
Erdélyi, A. See *Higher transcendental functions.*
———See Tables of integral transforms, Tricomi, F. G.
Ericksen, J. L. See Green, A. E.
Feller, W. See Littlewood, J. E.
Friedman, M. D. See Byrd, P. F.
Fuchs, W. H. J. See Achieser, N. I.
Girshick, M. A. See Blackwell, D.
Glasmann, I. M. See Achieser, N. I.
Gottschalk, W. H. and Hedlund, G. A. *Topological dynamics.* P. R. Halmos, 584.
Goudet, G. *Les fonctions de Bessel et leurs applications en physique,* 372.
Green, A. E., and Zerna, W. *Theoretical elasticity.* J. L. Ericksen, 362.
Gregg, J. R. *The language of taxonomy—an application of symbolic logic to the study of classificatory systems.* L. J. Savage, 460.
Hall, M. See Kurosch, A. G.
Halmos, P. R. See Achieser, N. I., Gottschalk, W. H., Levi, H., Pólya, G.
Hardy, G. H. and Wright, E. M. *An introduction to the theory of numbers.* 3d ed., 463.
Hasse, H. *Higher Algebra.* Trans. by T. J. Benac, 260.
Hasse, H. and Klobe, W. *Exercises to higher algebra.* Trans. by T. J. Benac, 260.
Hastings, C. *Approximations for digital computers.* Assisted by J. T. Hayward and J. P. Wong. R. P. Boas, Jr., 462.
Hayward, J. T. See Hastings, C.
Hedlund, G. A. See Gottschalk, W. H.
Heins, M. See Kober, H.
Henrici, P. See Bergman, S.
Higher transcendental functions. Vol. 3. Ed. by A. Erdélyi. G. Szegö, 593.
Hlavatý, V. *Differential line geometry.* Trans. by H. Levy. A. T. Schafer, 348.
Hodge, W. V. D. and Pedoe, D. *Methods of algebraic geometry.* Vol. III. *Birational geometry.* P. Samuel, 254.

Ingham, A. E. See Turán, P.
John, F. See *Contributions to the theory of partial differential equations.*
Kaplansky, I. *Infinite abelian groups.* R. Baer, 88.
Keller, O. H. *Geometrie der Zahlen.* H. Cohn, 240.
Khinchin, A. Y. *Three pearls of number theory.* Trans. by F. Bagemihl, H. Komm, and W. Siedel. A. Brauer, 351.
Klemm, W. v. See Chintschin, A. J.
Klobe, W. See Hasse, H.
Kober, H. *Dictionary of conformal representations.* M. Heins, 192.
Komm, H. See Khinchin, A. Y.
Kravetz, S. See Vinogradov, I. M.
Kurosch, A. G. *Gruppentheorie.* With a supplement by B. H. Neumann. M. Hall, 362.
Latham, M. L. See Descartes, R.
Levi, H. *Elements of algebra.* P. R. Halmos, 245.
Levy, H. See Hlavatý, V.
Littlewood, J. E. *A mathematician's miscellany.* W. Feller, 360.
Ludwig, G. *Die Grundlagen der Quantenmechanik.* I. E. Segal, 253.
McVittie, G. C. See Truesdell, C.
Mathematics in type. R. P. Boas, 257.
Menger, K. *Calculus, a modern approach.* W. L. Duren, 185.
Meyer zur Capellen, W. *Leitfaden der Nomographie.* J. M. Thomas, 463.
Miller, J. C. P. See *Table of binomial coefficients.*
Miller, K. S. See Murray, F. J.
Modern physics for the engineer. Ed. by L. N. Ridenour, 91.
Morgenstern, O. See *Economic activity analysis.*
Munroe, M. E. See Natanson, I. P.
Murray, F. J. See Soroka, W. W.
Murray, F. J. and Miller, K. S. *Existence theorems for ordinary differential equations.* W. T. Reid, 353.
Muskhelishvili, N. I. *Some basic problems of the mathematical theory of elasticity.* Trans. by J. R. M. Radok. J. L. Synge, 445.
Natanson, I. P. *Theorie der Funktionen einer reellen Veränderlichen.* M. E. Munroe, 346.
Neumann, B. H. See Kurosch, A. G.
von Neumann, J. *Mathematical foundations of quantum mechanics.* Trans. by R. T. Beyer, 463.
Nevanlinna, R. *Uniformisierung.* H. L. Royden, 85.
Nöbeling, G. *Grundlagen der analytischen Topologie.* R. Arens, 594.
Ostrowski, A. *Vorlesungen über Differential- und Integralrechnung.* Vol. III. *Integralrechnung auf dem Gebiete mehrerer Variablen.* A. E. Taylor, 447.
Pedoe, D. See Hodge, W. V. D.
Pentkowski, M. W. *Nomographie.* Trans. by M. Peschel. J. M. Thomas, 463.
Perron, O. *Die Lehre von den Kettenbruchen.* Vol. I, *Elementare Kettenbruche.* W. T. Scott, 594.
Peschel, M. See Pentkowski, M. W.
Petrovsky, I. G. *Lectures on partial differential equations.* Trans. by A. Shenitzer. R. Bellman, 367.
Pickert, G. *Enzyklopädie der mathematischen Wissenschaften.* Vol. I, *Algebra und Zahlentheorie.* Part 1: A. *Grundlagen*; B. *Algebra.* 2d ed. Vol. I_1, no. 3, part I: I_1, 6, *Lineare Algebra*: I_1, 7, *Normalformen von Matrizen.* J. Dieudonné, 189.
———*Analytische Geometrie.* H. S. M. Coxeter, 450.
Pólya, G. *Mathematics and plausible reasoning.* Vols. I and II. P. R. Halmos, 243.

Radok, J. R. M. See Muskhelishvili, N. I.
Reid, W. T. See Murray, F. J., Tricomi, F. G.
Rickart, C. E. See Schmeidler, W.
Ridenour, L. N. See *Modern physics for the engineer.*
Royden, H. L. See Nevanlinna, R., Valiron, G.
Samuel, P. *Algèbre locale.* I. S. Cohen, 454.
——— See Hodge, W. V. D.
Santaló, L. A. *Introduction to integral geometry.* S. S. Chern, 358.
Savage, L. J. *The foundation of statistics.* K. L. Chung, 236.
——— See Gregg, J. R.
Schafer, A. T. See Hlavatý, V.
Schiffer, M. M. and Spencer, D. C. *Functionals of finite Riemann surfaces.* L. V. Ahlfors, 581.
——— See Bergman, S.
Schmeidler, W. *Lineare Operatoren im Hilbertschen Raum.* C. E. Rickart, 261.
Schoenfeld, L. See Vinogradov, I. M.
Schouten, J. A. *Ricci-Calculus. An introduction to tensor analysis and its geometrical applications.* K. Yano, 364.
Scott, W. T. See Perron, O.
Segal, I. E. See Ludwig, G.
Seidel, W. See Khinchin, A. Y.
Selected papers on noise and stochastic processes. Ed. by N. Wax, 91.
Shenitzer, A. See Petrovsky, I. G.
Smith, D. E. See Descartes, R.
Soroka, W. W. *Analog methods in computation and simulation.* F. J. Murray, 355.
Spencer, D. C. See Schiffer, M. M.
Steinhardt, F. See Carathéodory, C.
Struik, D. J. See Truesdell, C.
Synge, J. L. See Muskhelishvili, N. I.
Szegö, G. See *Higher transcendental functions.*
Table of binomial coefficients. Ed. by J. C. P. Miller, 91, 261.
Table of sine and cosine integrals for arguments from 10 to 100. 261.
Table of the gamma function for complex arguments, 261.
Tables of integral transforms. Prepared under the direction of A. Erdélyi. D. V. Widder, 239.
Taussky, O. See *Contributions to the solution of systems of linear equations and the determination of eigenvalues, Economic activity analysis.*
Taylor, A. E. See Ostrowski, A.
Thomas, J. M. See Meyer zur Capellen, W., Pentkowski, M. W.
Tricomi, F. G. *Lezioni sulle equazioni a derivate parziali.* R. Bellman, 87.
——— *Equazioni differenziali.* W. T. Reid, 371.
——— *Funzioni ipergeometriche confluenti.* A. Erdélyi, 456.
——— See Byrd, P. F.
Truesdell, C. *The kinematics of vorticity.* G. C. McVittie, 356.
——— *Rational fluid mechanics, 1687–1765.* D. J. Struik, 451.
Turán, P. *Eine neue Methode in der Analysis und deren Anwendungen.* A. E. Ingham, 232.
Valiron, G. *Fonctions analytiques.* H. L. Royden, 85.
Vinogradov, I. M. *Elements of number theory.* Trans. by S. Kravetz. L. Schoenfeld, 187.
Wald, A. *Selected papers in statistics and probability.* Ed. by T. W. Anderson, 372.

Wax, N. See *Selected papers on noise and stochastic processes.*
Whaples, G. See Eichler, M.
Widder, D. V. See *Tables of integral transforms.*
Wolfowitz, J. See Blackwell, D.
Wong, J. P. See Hastings, C.
Wright, E. M. See Hardy, G. H.
Yano, K. See Schouten, J. A.
Zerna, W. See Green, A. E.

INVITED ADDRESSES[1]

Barsotti, I., 433.
Bers, L., 113.
Beurling, A., 34.
Bohnenblust, H. F., 114.
Borel, A. *Topology of Lie groups and characteristic classes*, 397.
Bott, R., 505.
Eilenberg, S., 113.
Friedrichs, K. O., 113.
——— *Asymptotic phenomena in mathematical physics*, 485.
Harish-Chandra, 214.
——— *On the characters of a semisimple Lie group*, 389.
Hewitt, E., 505.
Hlavatý, V., 72.
Jacobson, N., 57.
——— 505.
James, R. D., *Integrals and summable trigonometric series*, 1.
Kaplansky, I., 325.
Kleene, S. C. *Heirarchies of number-theoretic predicates*, 193.
Lewy, H., 114.
Phillips, R. S. *Semi-groups of operators*, 16.
Pinney, E., 77.
——— *Nonlinear differential equations*, 373.
Pleijel, Å., 277.
Schafer, R. D., 277.
——— *Structure and representation of nonassociative algebras*, 469.
Taub, A. H., 310.
Wallace, A. D. *The structure of topological semigroups*, 95.

[1] Where the title of the address is not given, the reference is to the Report of the Meeting at which the address was given.